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(Substitute) PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10

Application Number

10/696,653

Filing Date

October 29, 2003

First Named Inventor

Michael A. DellaVecchia

Art Unit

3762

Examiner Name

Not Yet Known

Attorney Docket Number

P1145/20006

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached

Amendment/Reply (*Preliminary*)

After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):

- Return Receipt Postcard

Remarks

\*NO FEE IS REQUIRED.

Please charge Attorney Account No. 03-0075 as necessary to effect entry and/or  
ensure consideration of this submission.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Caesar, Rivise, Bernstein, Cohen &amp; Pokotilow, Ltd., Customer No. 03000

Signature

Printed name

Frank M. Linguiti

Date

September 20, 2006

Reg. No.

32,424

**CERTIFICATE OF TRANSMISSION/MAILING**I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with  
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Frank M. Linguiti

Date

September 20, 2006

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**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT EXAMINING OPERATION

Applicants: Michael A. DellaVecchia, et al.

Serial No: 10/696,653

Group Art Unit: 3762

Filed: October 29, 2003

Examiner: Not Yet Known

Att. Docket No.: P1145/20006

Confirmation No.: 7753

For: OPTIMIZING THE PROPERTIES OF ELECTROMAGNETIC  
ENERGY IN A MEDIUM USING STOCHASTIC PARALLEL  
PERTURBATION GRADIENT DESCENT OPTIMIZATION ADAPTIVE OPTICS

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

Prior to initial examination on the merits, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.